



Massimiliano Bruni

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PROFILE

I am a young Software Engineer specialized in Machine Learning. I love technology and I like working on innovative projects. I like to make real products that are used by many people. I like to work methodically, precisely and with attention to details. I am diligent, steady and diplomatic.

LINKS

Github://[Maxinho96](#)
LinkedIn://[Massimiliano Bruni](#)
YouTube://[Massimiliano Bruni](#)
Skype://[live:.cid.52cf21b3deb3210a](#)

LANGUAGES

Italian: Native
English: Intermediate level (B2)

SKILLS

HARD SKILLS

Advanced: Python • Machine Learning
NLP • Huggingface Transformers
Rasa Chatbot • FastAPI • Flask
Bash • Linux • Docker • Kubernetes • Git
Intermediate: Java • SQL • Elasticsearch
Matplotlib • NumPy • Pandas • macOS
Basic: Keras • TensorFlow • Scikit-learn
OpenCV • AWS • Hadoop • Spark

SOFT SKILLS

Problem solving, thanks to the Engineering studies.
Team working, thanks to the projects in which I was involved.
Communication, thanks to the experiences as private tutor and library assistant.
Learning, thanks to my passion for understanding the world.

CERTIFICATIONS

Year	Released by	Certificate
2020	Italian State	Engineering License
2017	Coursera	Machine Learning
2015	Cambridge	B2 First
2015	Cisco	CCNA Discovery

HOBBIES

Sports • Technology news • Videogames
Board games • Mangas • Hangout

EXPERIENCE

HCL SOFTWARE

SOFTWARE ENGINEER - MACHINE LEARNING

May 2021 - present | Rome

I am responsible of developing the Python backend and the training process of new projects that require Machine Learning. I am also involved in the product delivery process in both cloud and on-premise environments.

Technologies: Python • Pandas • Huggingface • Rasa • FastAPI • Bash • Docker • Kubernetes • Elasticsearch

ASKDATA

MACHINE LEARNING ENGINEER

September 2020 - April 2021 | Rome

I was responsible of R&D and releasing in production Deep Learning models in the NLP field involving Text Summarization, Machine Translation, Named Entity Recognition and Semantic Similarity.

Technologies: Python • Pandas • Huggingface • SpaCy • Flask • FastAPI

ITALIAN RESEARCH CENTER (CNR)

INTERNSHIP IN MACHINE LEARNING AND COMPUTER VISION

March 2018 - July 2018 | Rome

Internship for the Bachelor's thesis, where I developed the project called *Object recognition robot*, linked below.

Technologies: Python • TensorFlow • Scikit-learn • OpenCV • Matplotlib • Numpy

EDUCATION

UNIVERSITÀ DEGLI STUDI ROMA TRE

MASTER'S DEGREE IN COMPUTER SCIENCE ENGINEERING

October 2018 - July 2020 | Rome

Grade: 110/110 cum laude

ITALIAN RESEARCH CENTER (CNR)

ADVANCED SCHOOL IN ARTIFICIAL INTELLIGENCE

Practical school with focus on Machine Learning Applications.

October 2019 - April 2020 | Rome

UNIVERSITÀ DEGLI STUDI ROMA TRE

BACHELOR'S DEGREE IN COMPUTER SCIENCE ENGINEERING

September 2015 - July 2018 | Rome

Grade: 110/110 cum laude

PROJECTS

VIDEO SURVEILLANCE SYSTEM (LINK)

For the Master's thesis I developed a video surveillance system which can detect and segment people and find their identities using a known dataset.

OBJECT DETECTION WITH DRONE (LINK)

For the Advanced School in Artificial Intelligence I developed an object detection system that works in real-time on a drone camera.

TELEGRAM BOT: IMAGE CLASSIFIER (LINK)

As a personal project, I made a Telegram bot to which you can send an image to know what is the object in it.

OBJECT RECOGNITION ROBOT (LINK)

For the Bachelor's thesis I developed a system meant to work on a robot that is able to recognize objects and autonomously learn unknown objects.